

Periodic Table Quest

1. Which of the following has a larger atomic radius? (circle one)

a) Na or Cl

b) Mg or Ba

2. Why does atomic radius increase as you go down a family?

3. Why does atomic radius decrease from left to right?

4. Which of the following has a greater electron affinity? (circle one)

a) N or F

b) Cl or Ar

5. Which of the following has greater ionization energy? (circle one)

Si or Cl

6. Provide an alternate name for the following families:

a) 1A

b) 2A

c) 7A

d) 8A

e) transition metals

7. What is the most interesting thing you have learned from this unit?